

CORD Algebra 1 Volume 2

Provides instruction in the essential elements of a first-year algebra course. This textbook emphasizes learning in context. This program includes instruction, activities, math labs, problem solving, and critical thinking.

Contract Price

\$33.97

Grade

9,10,11,12

TYPE

P1

Copyright

2009

Author

CORD

Edition

3rd

Content

Algebra 1

Readability

Lexile 940

Accessibility

Nimas

Research

CORD
Communications,
Waco, TX

Teacher Edition

Essential Items

Ancillary Items

Free with Purchase items

9781578374278 Chapter Resource Book \$90.97

1 per 50 student texts purchased

9781578374286 Lab Data Sheets \$59.97

1 per 50 student texts purchased

9781578374294 Software Generated Assessment \$186.97

1 per school

9781578374308 Teacher's Ancillaries on CD-ROM \$165.97

Can be substituted for the hard copies of the teacher resources

Student textbook online

free with purchase of student texts

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9781578374324		Publisher - CORD Communications		Provided by the Publisher
	CORD Algebra 1 Volume 2				
	Type - P1	Author - CORD			
	Copyright - 2009	Edition - 3rd	Readability - Lexile 940		
	Course - Algebra 1		Grade(s) - 9,10,11,12		
Teacher Edition ISBN if applicable 978157837426X					

Overall Recommendation:

Recommended as BASAL

Overall Strengths, Weaknesses, Comments:

if this box is not checked, the evaluators have
chosen NOT recommend as basal

See evaluation for ISBN 9781578374251 Cord Algebra 1

NIMAC Accessibility N
Ancillary Yes
Free with Purchase Yes
Research Yes CORD Communications, Waco, TX

Provides instruction in the essential elements of a first-year algebra course. This textbook emphasizes learning in context. This program includes instruction, activities, math labs, problem solving, and critical thinking.

CRITERIA

This basal resource ...

A. Encompasses KY Content Standards & Grade Level Expectations Choose an item.

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:

- | | |
|--|-----------------|
| a) Number Properties and Operations | Choose an item. |
| b) Measurement | Choose an item. |
| c) Geometry | Choose an item. |
| d) Data Analysis and Probability | Choose an item. |
| e) Algebraic Thinking | Choose an item. |

2) Addresses content-specific enduring understandings from the related Program of Studies standards.

Choose an item.

3) Addresses content-specific skills and concepts from the related Program of Studies standards.

Choose an item.

4) Content addressed is current, relevant and non-trivial

Choose an item.

5) Provides opportunities for critical thinking/reasoning

Choose an item.

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

See Chord Algebra I (This is the second half of the course)

B. Functionality & Suitability	Choose an item.
---	-----------------

1) Suitability

Choose an item.

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality

Choose an item.

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy

Choose an item.

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text

Note: may apply to either student or teacher editions

4) Connections to Technology

Choose an item.

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners

Choose an item.

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)

C. Supports Inquiry and Skill Development

[Choose an item.](#)

1) Promotes Inquiry, research and Application of Learning

[Choose an item.](#)

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

Note: may apply to either teacher or student edition

2) Skill Development

[Choose an item.](#)

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving

Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

[Click here to enter text.](#)

D. Supports Best Practices of Teaching and Learning

[Choose an item.](#)

1) Engages Students

[Choose an item.](#)

Evaluation Tool for Basal Instructional Materials
Mathematics (2009 – 2015)

- Includes content geared to the needs, interests, and abilities of all students
 - Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
 - Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
 - Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
 - Activities are truly congruent to the concepts addressed, not merely correlated
- Note: may apply to either teacher or student edition*

2) Uses Assessment to Inform Instruction

Choose an item.

- Includes multiple means of assessment as an integral part of instruction
 - Provides evaluation measures in the teacher edition that supports differentiated learning activities
 - Embedded assessments reflect a variety of Depth of Knowledge levels
- Note: may apply to either teacher or student edition*

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

[Click here to enter text.](#)

E. Has an Organization/ Format that Supports Learning and Teaching

Choose an item.

1) Organizational Quality

Choose an item.

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text)

Choose an item.

- Items identified as essential components support the learning goals and concept coverage of the basal
-

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Choose an item.

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

[Click here to enter text.](#)
